

To: CN=Laura Fujii/OU=R9/O=USEPA/C=US@EPA[]
Cc: CN=Karen Schwinn/OU=R9/O=USEPA/C=US@EPA;CN=Kathleen Salyer/OU=R9/O=USEPA/C=US@EPA;CN=Lynn Suer/OU=R9/O=USEPA/C=US@EPA;CN=Timothy Wilhite/OU=R9/O=USEPA/C=US@EPA;CN=Tom Hagler/OU=R9/O=USEPA/C=US@EPA[]; N=Kathleen Salyer/OU=R9/O=USEPA/C=US@EPA;CN=Lynn Suer/OU=R9/O=USEPA/C=US@EPA;CN=Timothy Wilhite/OU=R9/O=USEPA/C=US@EPA;CN=Tom Hagler/OU=R9/O=USEPA/C=US@EPA[]; N=Lynn Suer/OU=R9/O=USEPA/C=US@EPA;CN=Timothy Wilhite/OU=R9/O=USEPA/C=US@EPA;CN=Tom Hagler/OU=R9/O=USEPA/C=US@EPA[]; N=Timothy Wilhite/OU=R9/O=USEPA/C=US@EPA;CN=Tom Hagler/OU=R9/O=USEPA/C=US@EPA[]; N=Tom Hagler/OU=R9/O=USEPA/C=US@EPA[]
From: CN=Richard Sugarek/OU=R9/O=USEPA/C=US
Sent: Wed 10/1/2008 11:51:37 PM
Subject: Re: Fw: Oct. 2, 2:30-4:30pm Sacramento FWO Delta Conf Room (W-2929), Shasta Dam Enlargement Cooperating Agency meeting - FYI
[SLWRI_AdminDraftEIS_10022008.ppt](#)
[Richard Sugarek](#)
[Laura Fujii](#)

Thank you!

As I indicated, we will be dusting off the IMM Water Quality model to work on a final RI/FS for IMM this year. We should try to get information regarding the USBR operational plans for the proposed alternatives. With this info we can assess the potential impacts on the Superfund remedy.

Thanks again. Let me know if you need anything from me.

Laura Fujii/R9/USEPA/US

10/01/2008 04:08 PM

To Richard Sugarek/R9/USEPA/US@EPA
cc Karen Schwinn/R9/USEPA/US@EPA, Kathleen Salyer/R9/USEPA/US@EPA, Lynn Suer/R9/USEPA/US@EPA, Tom Hagler/R9/USEPA/US@EPA, Timothy Wilhite/R9/USEPA/US@EPA
Subject Re: Fw: Oct. 2, 2:30-4:30pm Sacramento FWO Delta Conf Room (W-2929), Shasta Dam Enlargement Cooperating Agency meeting - FYI

Hello Richard,

Yes I am aware of the potential effects of the Shasta Raise on the IMM clean-up. Joseph Terry, the FWS person who sent us the information below, is also aware of potential IMM effects. I do not know why he did not include this information in his ppt presentation.

The Meeting tomorrow is between Cooperating Agencies on preliminary Administrative DEIS of the project to discuss their collective comments to Bureau of Reclamation.

EPA is not a Cooperating Agency and the formal NEPA process has only gone through scoping. I have asked the BOR Project Mgr for the opportunity to review the ADEIS (although ERO's workload is very high and we are short staffed right now). I have not yet received a response from BOR.

ERO and WTR are very aware of the fact that this will be a big and controversial DEIS. Besides Superfund issues, there are significant EJ/Tribal issues regarding Wintu religious sites, and of course the use and allocation of the additional stored water.

Karen S. and Kathy G - How would you like us to proceed? Should I initiate calls with BOR requesting more active involvement in meetings, reviews, discussions?

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Richard Sugarek/R9/USEPA/US

10/01/2008 03:40 PM

To Laura Fujii/R9/USEPA/US@EPA, Tom Hagler/R9/USEPA/US@EPA, Karen Schwinn/R9/USEPA/US@EPA
cc Lynn Suer/R9/USEPA/US@EPA, Kathleen Salyer/R9/USEPA/US@EPA
Subject Re: Fw: Oct. 2, 2:30-4:30pm Sacramento FWO Delta Conf Room (W-2929), Shasta Dam Enlargement
Cooperating Agency meeting - FYI

I am not sure whether or not you know that the proposed enlargement of Shasta Dam has the potential to adversely impact the effectiveness of the Superfund cleanup at Iron Mountain Mine (IMM). I did not see any mention of this in the USFWS presentation regarding downstream impacts.

In short, if more water is retained behind Shasta Dam, then less water is discharged downstream into Keswick Reservoir and the Sacramento River. This is particularly true during wet years that follow a series of dry water years, as USBR rebuilds storage in Shasta Lake. USBR would maintain minimum flow in the Sacramento River for a more extended period as it rebuilds storage. This situation is the most critical situation for the IMM remedy for assuring protective water quality for salmon, steelhead and the Sacramento River ecosystem.

Although we have achieved 95% control of the heavy metal discharges from IMM, the Superfund remedy still ultimately relies on Sacramento River flows to dilute the remaining discharge. The remaining 5% is still a large metal discharge. IMM heavy metal discharges increase during wet periods and will not match up with the minimum Sacramento River flow regime. This will lead to impacts on the early life stages of salmon in the Sacramento River spawning grounds.

In order to assess the potential impact of the proposed enlargement on the IMM remedy, we need to know the manner in which USBR intends to operate the new system in detail. In the past the USBR relied on a PROSIM model to describe intended operational conditions and to evaluate operational/environmental issues.

We can input the USBR operational flow release data into our water quality model to determine the extent of any impacts on the protectiveness of the Superfund remedy.

This topic needs to be brought to USBR's attention as soon as possible and needs to be addressed in the DEIS. This is likely to be a big/controversial DEIS.

Laura Fujii/R9/USEPA/US

10/01/2008 02:56 PM

To Tom Hagler/R9/USEPA/US@EPA, Carolyn Yale/R9/USEPA/US@EPA, Karen Schwinn/R9/USEPA/US@EPA, Jason Brush/R9/USEPA/US@EPA, Kathleen Goforth/R9/USEPA/US@EPA, Richard Sugarek/R9/USEPA/US@EPA
cc

Subject Fw: Oct. 2, 2:30-4:30pm Sacramento FWO Delta Conf Room (W-2929), Shasta Dam Enlargement
Cooperating Agency meeting - FYI

Hello All,

FYI. I still have not heard back from Bureau of Reclamation Project Manager (Katrina Chow) on whether we can receive a copy of the Administrative DEIS.

How hard should I push? What actions should/can we take at this time?

Note: I have 6 DEISs to review by the end of November. Two of which are big and controversial. Thus, my time is very limited.

Laura Fujii

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----- Forwarded by Laura Fujii/R9/USEPA/US on 10/01/2008 02:46 PM -----

Joseph_Terry@fws.gov

10/01/2008 01:34 PM

To Naseem Alston <Naseem.Alston@noaa.gov>

cc Bruce Oppenheim <Bruce.Oppenheim@NOAA.GOV>, Dan_Cox@fws.gov, Douglas_Weinrich@fws.gov, Julie_K_Nelson%FSNOTES@ios.doi.gov, Kathy_Wood@fws.gov, Maria.Rea@noaa.gov, Mark_Littlefield@fws.gov, Matt_Brown@fws.gov, Michael_Hoover@fws.gov, Nick_Hindman@fws.gov, PBratcher@dfg.ca.gov, rhawkins@fs.fed.us, Roger_Guinee@fws.gov, toddjohnson@fs.fed.us, Tom_T_Kisanuki@fws.gov, Laura

Fujii/R9/USEPA/US@EPA, matthew.p.kelley@usace.army.mil

Subject Oct. 2, 2:30-4:30pm Sacramento FWO Delta Conf Room (W-2929), Shasta Dam Enlargement meeting

All,

Attached below is a brief summary of the major issues I would like to address at tomorrow's (Thursday, October 2) meeting to discuss the "environmentally preferred alternative" in the Shasta Lake Water Resources Investigation. I will present this summary at the beginning of tomorrow's meeting.

The meeting will be Oct. 2, 2:30-4:30pm, Sacramento Fish and Wildlife Office (2800 Cottage Way), Delta Conference Room (Room W-2929).

Conference call # 800-369-1844

Password 69876

Joseph Terry
(916)414-6528

Joseph Terry
Sr. Biologist
Sacramento Fish and Wildlife Office